

DERWENT-ACC-NO: 1993-074814

DERWENT-WEEK: 199309

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TITLE: Livestock feed loader - has two-section discharge auger  
with hinged casings and shaft couplings which enable one  
or both sections to be used

INVENTOR: BARINOV V YA.; EVSEEV, A V ; NAIDENKO, V K

PATENT-ASSIGNEE: NON-BLACK SOIL AGRIC MECH ELECTRIF INST[NONBR]

PRIORITY-DATA: 1989SU-4687098 (May 5, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1724126 A1	April 7, 1992	N/A	005	A01K 005/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
SU 1724126A1	N/A	1989SU-4687098	May 5, 1989

INT-CL (IPC): A01K005/00

ABSTRACTED-PUB-NO: SU 1724126A

BASIC-ABSTRACT:

The loader consists of a wheeled chassis (3,5) supporting a bin (6), with a discharge auger (8) which can be rotated in the vertical plane. The auger has an end section (25) which can be moved relative to the main section by a hydraulic power cylinder (24). The two sections of the auger casing are joined by a pivot (23), and the adjacent ends of their shafts are equipped with couplings which have conical working surfaces. One of the half-couplings can have a spring loaded projecting tip, and the other a recess to engage with it.

For loading and unloading purposes the two sections of the auger are joined together end to end by means of the hydraulic cylinder, but for dispensing the feed into mangers one section only of the auger can be employed, with the other one folded.

ADVANTAGE - Gives wider range of uses. Bul. 13/7.4.92

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS: LIVESTOCK FEED LOAD TWO SECTION DISCHARGE AUGER HINGE  
CASING SHAFT  
COUPLE ENABLE ONE SECTION

DERWENT-CLASS: P14

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1993-057420

